

Title (en)

GRIP DEVICE AND ROBOT DEVICE COMPRISING SAME

Title (de)

GREIFVORRICHTUNG UND ROBOTERVORRICHTUNG DAMIT

Title (fr)

DISPOSITIF DE PRÉHENSION ET DISPOSITIF DE ROBOT COMPRENANT CE DERNIER

Publication

EP 4140668 A4 20240124 (EN)

Application

EP 21847188 A 20210701

Priority

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- KR 2021008350 W 20210701

Abstract (en)

[origin: EP4140668A1] A grip device is disclosed. A grip device according to an embodiment of the present disclosure comprises: a first finger; a second finger facing the first finger; a first link part having a first guide slot and supporting the first finger; a second link part having a second guide slot, disposed to intersect the first link part and supporting the second finger; a hinge which can move inside the first guide slot and second guide slot and connects the first and second link parts at the intersection point of the first link part and second link part; a first actuator for adjusting the distance between the first finger and second finger by moving the first link part and/or the second link part; and a second actuator for moving the hinge inside the first guide slot and second guide slot.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [A] CN 107717978 A 20180223 - SHENZHEN HAODUOCAI HARDWARE CO LTD
- [A] JP H0735892 A 19950207 - HITACHI LTD
- [A] US 10059007 B1 20180828 - O'CONNOR MICHAEL JAMES [US], et al
- See references of WO 2022019518A1

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4140668 A1 20230301; **EP 4140668 A4 20240124**; CN 116171211 A 20230526; KR 20220013076 A 20220204; US 2023102104 A1 20230330; WO 2022019518 A1 20220127

DOCDB simple family (application)

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